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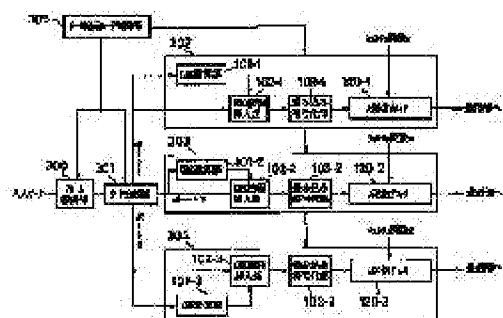
(54) TRANSMISSION EQUIPMENT AND RECEPTION EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To enable the transmission/reception of data at transfer speed as the integer multiple of basic transfer rate without changing any encoding or modulating method at the basic transfer rate by allowing transfer rate to the integer multiple of basic transfer rate, dividing transmission data in the case of high transfer rate, transmitting them as independent channel data and performing reception processing and the synthesization of data as independent channel data on the side of reception.

SOLUTION: At CDMA communication equipment (base station) on the side of transmission, the number of bits to be inserted into one frame is prepared for three stages and any stage can be dealt with. Basic station

transmission data (input data) are inputted to a frame constitution part 300 and corresponding to a transfer mode signal from a data transfer mode control part 305, the frame constitution part 300 constitutes a prescribed frame. At a data dividing part 301, the framed transmission data are equally divided corresponding to the transfer mode signal from the control part 305 and inputted to modulation blocks 302, 303 and 304.



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